PTO/SB/05 (11-00)

or use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## UTILITY PATENT APPLICATION TRANSMITTAL

PP-17149.001 / 201130.40901 Attorney Docket No. Nobuyuki Itoh First Inventor **HUMAN FGF-23 GENE AND** Title **GENE EXPRESSION PRODUCTS** 

EL615487095US (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. Assistant Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO: **Box Patent Application** Washington, DC 20231 See MPEP chapter 600 concerning utility patent application contents. 1. 🔯 Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or (Submit an original and a duplicate for fee processing) Computer Program (Appendix) 2. Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) з. 🛛 [Total Pages a. Computer Readable Form (CRF) Specification b. Specification Sequence Listing on: (preferred arrangement set forth below) CD-ROM or CD-R (2 copies); or - Descriptive title of the Invention - Cross Reference to Related Applications ii. 🔲 paper - Statement Regarding Fed sponsored R & D c. Statements verifying identity of above copies - Reference to sequence listing, a table, **ACCOMPANYING APPLICATION PARTS** or a computer program listing appendix - Background of the Invention 9. 🔲 Assignment Papers (cover sheet & document(s)) - Brief Summary of the Invention - Brief Description of the Drawings ( if filed) 10. 37 CFR 3.73(b) Statement ☐ Power of - Detailed Description (when there is an assignee) Attorney - Claim(s) - Abstract of the Disclosure 11. 🔲 English Translation Document (if applicable) 4. Drawing(s) (35 U.S.C.113) [Total Sheets | 19 Copies of IDS 12. Information Disclosure [Total Pages | 2 5. Oath or Declaration Statement (IDS)/PTO-1449 Citations a. 

Unsigned 13. 🔲 **Preliminary Amendment** b. Copy from a prior application (37 CFR 1.63 (d)) 14. Return Receipt Postcard (MPEP 503) (for a continuation/divisional with Box 18 completed) (Should be specifically itemized) i. DELETION OF INVENTOR(S) 15. 🔲 Certified Copy of Priority Document(s) Signed statement attached deleting inventor(s) (if foreign priority is claimed) named in the prior application, see 37 CFR 16. Request and Certification under 35 U.S.C. 122 1.63(d)(2) and 1.33(b). (b)(2)(B)(i). Applicant must attach form PTO/SB/35 6. Application Data Sheet. See 37 CFR 1.76 or its equivalent. 17. 🔯 Other: Check 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: ☐ Divisional of prior application No: \_\_\_\_\_/ \_\_\_/ ☐ Continuation ☐ Continuation-in-part (CIP) Prior application information: Examiner Group Art Unit: \_ Claims priority from Provisional Application Nos. 60/187,854 filed March 8, 2000; 60/233,368 filed September 18, 2000; and 60/251,650 filed December 5, 2000 19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label Correspondence address below 00500 PATENT TRADEMARK OFFICE Telephone Name Address Fax City State Zip Code Country 33,332 Jane E. R. Potter Registration No. (Attorney/Agent) Name (Print/Type)

Document7[11-30-00]

March 7, 2001

Date

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

Signature

PTO/SB/17 (11-00) Approved for use through 10/31/2002 OMB 0651-0032

## **FEE TRANSMITTAL** for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 2,790.00

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Complete if Known						
Application Number	Not assigned yet					
Filing Date	March 7, 2001	0				
First Named Inventor	Nobuyuki Itoh	La C				
Examiner Name	Not assigned yet	96.				
Group Art Unit	Not assigned yet	0.7				
Attorney Docket No.	PP-17150.001 / 201130.4	40901 <sub>0</sub> 🝣				

The Commissioner is hereby authorized to charge indicated fees  1. and credit any overpayments to:  Deposit  Deposit  The Commissioner is hereby authorized to charge indicated fees  3. ADDITIONAL FEES  Large Entity  Fee  Fee  Fee  Fee  Fee  Fee  Fee  F	METHOD OF PAYMENT		FEE CALCULATION (continued)			<del>80</del>			
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Applicant claims small entity status   See 37 CFR 1.27   112   920°				139	130	139	130	Non-English specification	
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Large Entity   Small Entity   Fee	1 BASIC FILING	FFF		117	890	217	445	Extension for reply within third month	
Total Claims	Large Entity Small	I Entity		118	1,390	218	695		
101   710   201   355   Utility filing fee   710   119   310   219   155   Notice of Appeal   110   320   320   206   160   Design filing fee   120   310   220   155   Filing a brief in support of an appeal   121   270   221   135   Request for oral hearing   122   270   221   135   Request for oral hearing   121   270   221   135   Request for oral hearing   122   130   123   135   Request for oral hearing   122   130   123   135   Petition to institute a public use proceeding   140   110   240			. 1	128	1,890	228	945	Extension for reply within fifth month	
106   320   206   160   Design filing fee   121   270   221   135   Filing a brief in support of an appeal   121   270   221   135   Request for oral hearing   270   281   270   221   270   221   270   221   270   221   270   221   270   221   270   221   270   221   270   221   270   221   270   221   270   221   270   221   270   221   270   221   270   221   270   221   270	, ,		<b>つ I</b>	119	310	219	155	Notice of Appeal	
106   320   206   160   Design filing fee   121   270   221   135   Request for oral hearing   108   710   208   355   Reissue filing fee   140   110   240   55   Petition to revive – unintentional   141   1,240   241   620   Petition to revive – unintentional   142   1,240   242   620   Petition to revive – unintentional   142   1,240   242   620   Petition to revive – unintentional   142   1,240   242   620   Petition to revive – unintentional   143   1,240   243   220   Design issue fee   144   660   244   300   Petitions to the Commissioner   144   660   244   300   Petitions to the Commissioner   144   660   244   300   Petitions to the Commissioner   122   130   122   130   Petitions to the Commissioner   123   130   Petitions to the Commissioner   124   130   Petitions to the Commissioner   125   130   Petitions to the Commissioner   126   180   126   180   180   Petitions to the Commissioner   126   180   Petitions		710		120	310	220	155	Filing a brief in support of an appeal	-
108   710   208   207   245   Plant fluing fee   138   1,510   138   1,510   Petition to institute a public use proceeding   140   110   240   55   Petition to revive – unavoidable   140   110   240   241   620   Petition to revive – unavoidable   142   1,240   242   620   Utility issue fee (or reissue)   142   1,240   243   220   Design issue fee   143   440   243   220   Design issue fee   144   600   244   300   Plant issue fee   122   130   122   130   Petitions to the Commissioner   138   1,510   138   1,510   138   1,510   Petition to institute a public use proceeding   140   110   240   55   Petition to revive – unavoidable   140			_					• • • • • • • • • • • • • • • • • • • •	<b></b>
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2. EXTRA CLAIM FEES    Fee   ffrom		SUBTOTAL (1) (\$) 710				241			-
Extra from Fee from Fee below Paid  Claims 60 = 40 X 18 = 720  Independent Claims 20 = 17 X 80 = 1360  Large Entity Small Entity  Fee Code (\$) Code (\$) Fee Fee (\$) Code (\$) Co	EYTPA CLAIM EEE	c							<del></del>
Extra from Fee Delow Fee Claims below Fee Delow Fee Dependent Day Submission of Information Disclosure Strint Recording each patent assignment Dependent Day Bo 209 40 Whittple Bolance Pee Claims in excess of 20 Independent Claims over original patent Reissue independent Claims over original patent Reissue Claims in excess of 20 Independent Claims over original patent Reissue Claims in excess of 20 Independent Claims over original patent Reissue Claims in excess of 20 Independent Claims over original patent Reissue Claims in excess of 20 Independent Claims over original patent Reissue Claims in excess of 20 Independent Claims over original patent Reissue Claims in excess of 20 Independent Claims over original patent Reissue Claims in excess of 20 Independent Claims over original patent Reissue Claims in excess of 20 Independent Claims over original patent Reissue Claims in excess of 20 Independent Claims over original patent Reissue Claims in excess of 20 Independent Claims over original patent Reissue Claims in excess of 20 Independent Claims over original patent Reissue Claims in excess of 20 Independent Claims over original patent Reissue Claims in excess of 20 Independent Claims over original patent Reissue Claims in excess of 20 Independent Claims over original patent Reissue Claims in excess of 20 Independent Claims over original patent Reissue Claims in excess of 20 Independent Claims over original patent Reissue Claims in excess of 20 Independent Claims over original patent Reissue Claims Independent Claims over original patent Reissue Claims Independent Claims over original patent Reissue Claims Independent Claims over origin	L. EXTINGUENINITEE			_				, ,	
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Total Claims 60 = 40		2	į						<u> </u>
Independent Page 20	Total		¬	122	130	122	130		ļ
Claims 20	Jialms			123	130	123	130		
Large Entity Small Entity  Fee Code (\$)	Claims 20	-" = 17 × 80 = 1360	<u> </u>	126	180	126	180		
Fee Code (\$) Fee Code (\$) Fee Description  103	Dependent		_	581	40	581	40	per property (times number of	
103 18 203 9 Claims in excess of 20 102 80 202 40 Independent claims in excess of 3 104 270 204 135 Multiple dependent claim, if not paid 109 80 209 40 ***Reissue independent claims over original patent ***Reissue claims in excess of 20 and over original patent ***Reissue claims in excess of 20 and over original patent ***Other fee (specify)	Fee Code Fee	Fee Fee Description		146	710	246	355	Filing a submission after final rejection	-
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		SUBTOTAL (2) (\$) 2080		*Reduced	by Bas	ic Filing	Fee Pa	id SUBTOTAL (3) (\$) 0	

	SUBMITTED BY				
Name (Print/Type)	Jane E. R. Potter		ration No. ey/Agent)	33,332	
Firm Name/ Address	Seed Intellectual Property Law Group PLI 701 Fifth Avenue, Suite 6300 Seattle, Washington 98104-7092 Phone: (206) 622-4900 Fax: (206) 682				
Signature	June & Chat	Date	March	7, 2001	

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PATENT TRADEMARK OFFICE





## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Nobuyuki Itoh, Kyoto, Japan and

W. Michael Kavanaugh, Mill Valley, California

Filed : March 7, 2001

For : HUMAN FGF-23 GENE AND GENE EXPRESSION PRODUCTS

Docket No.

PP-17150.001 / 201130.40901

Date

March 7, 2001

Box Patent Application Commissioner for Patents Washington, DC 20231

## CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Commissioner for Patents:

I hereby certify that the enclosures listed below are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. EL615487095US, on March 7, 2001, addressed to Box Patent Application, Commissioner for Patents, Washington, DC 20231.

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PATENT TRADEMARK OFFICE

Respectfully submitted,

Seed Intellectual Property Law Group PLLC

in Plante

Steve Plante

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